Mechanical Design Engineer - Miyagi Exclusive job

Job Information

Recruiter
Izumi Network Yugen Kaisha

Job ID
1591623

Industry
IT Consulting

Job Type
Permanent Full-time

Location
Miyagi Prefecture

Salary
6 million yen ~ 7 million yen

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May 13th, 2026 13:51

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

Mechanical Design Engineer

N2+ (at least N3 certified)

Client domain :Semiconductor

Onsite | Miyagi, Japan

Responsibilities

- Study and understand assigned semiconductor manufacturing equipment products
- Design chambers and related mechanical units
- Design and develop mechanical parts and create detailed 2D and 3D drawings
- Perform product improvement analysis and propose enhancement solutions
- Troubleshoot technical issues and support resolution activities
- Prepare technical documentation
- Collaborate with cross-functional teams to ensure smooth project execution
- Manage Engineering Change Orders (ECO) and implement design updates efficiently
- Ensure compliance with safety standards and internal regulations
- Support additional tasks as assigned
- Flexibility to work overtime when required

Required Skills

Qualifications

Required

- 3+ years of CAD experience, preferred NX
- 3+ years of mechanical design and 2D/3D drawing experience
- Business-level Japanese language proficiency (JLPT N2+ preferred)
- Conversational-level English communication skills
- Basic proficiency in Excel, Word, and PowerPoint
- Experience working with multiple stakeholders across teams
- Ability to work independently while contributing effectively in a team environment

Preferred

- Experience in semiconductor manufacturing equipment or related industrial equipment
- Experience with CAE simulation, thermal analysis, or strength analysis

Company Description